

# JAVA.IO.EXCEPTIONS

## Introduction

The **java.io.Exceptions** provides for system input and output through data streams, serialization and the file system.

## Interface Summary

S.N.	Interface & Description
1	<b>CharConversionException</b> This is a base class for character conversion exceptions.
2	<b>EOFException</b> These are signals that an end of file or end of stream has been reached unexpectedly during input.
3	<b>FileNotFoundException</b> These are the signals that an attempt to open the file denoted by a specified pathname has failed.
4	<b>InterruptedIOException</b> This is signals that an I/O operation has been interrupted
5	<b>InvalidClassException</b> This is thrown when the Serialization runtime detects one of the following problems with a Class.
6	<b>InvalidObjectException</b> This indicates that one or more deserialized objects failed validation tests.
7	<b>IOException</b> These are the signals that an I/O exception of some sort has occurred.
8	<b>NotActiveException</b> This is thrown when serialization or deserialization is not active.
9	<b>NotSerializableException</b> This is thrown when an instance is required to have a Serializable interface.
10	<b>ObjectStreamException</b> This is a superclass of all exceptions specific to Object Stream classes.
11	<b>OptionalDataException</b> This is an exception indicating the failure of an object read operation due to unread primitive data, or the end of data belonging to a serialized object in the stream.
12	<b>StreamCorruptedException</b> This is thrown when control information that was read from an object stream violates internal consistency checks.
13	<b>SyncFailedException</b> These are the signals that a sync operation has failed.

14	<b>UnsupportedEncodingException</b> This character encoding is not supported.
15	<b>UTFDataFormatException</b> This are signals that a malformed string in modified UTF-8 format has been read in a data input stream or by any class that implements the data input interface.
16	<b>WriteAbortedException</b> This are signals that one of the ObjectStreamExceptions was thrown during a write operation.